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*Admitted only in Maryland
+Admitted only in Virginia
▲Admitted only in Texas
●Practice Limited to
  Federal Agencies

July 11, 2002

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Art Unit 2631
Confirmation No.: 7049

RECEIVED

JUL 1 2 2002

Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Application
Appl. No. 09/973,872; Filed: October 11, 2001
For: **Efficiently Transmitting RTP Protocol in a Network that Guarantees in Order Delivery of Packets**
Inventors: Bunn *et al.*
Our Ref: 1875.0670001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;

2. Form PTO-1449 with sixteen (16) accompanying documents; and
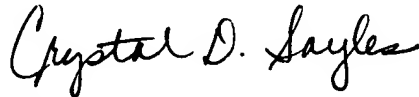
3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Crystal D. Sayles
Attorney for Applicants
Registration No. 44,318

RES/CDS/tc
Enclosures

SKGF_DC1:33488.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bunn *et al.*

Appl. No. 09/973,872

Filed: October 11, 2001

For: **Efficiently Transmitting RTP Protocol in a Network that Guarantees in Order Delivery of Packets**

Confirmation No. 7049

Art Unit: 2631

Examiner: *To be Assigned*

Atty. Docket: 1875.0670001

Information Disclosure Statement

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application

- 2 -

Bunn *et al.*
Appl. No. 09/973,872

does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

⊠ 1.   This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

☐ 2.   This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

　　☐ a.   I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

　　☐ b.   I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

　　☐ c.   Attached is our Check No. _____ in the amount of $ _____ in payment of the fee under 37 C.F.R. § 1.17(p).

☐ 3.   This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice

of Allowance, but before payment of the Issue Fee. Enclosed find our Check
No. _____ in the amount of $ _____ in payment of the fee under 37
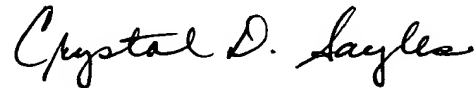C.F.R. § 1.17(p); in addition:

☐ a.   I hereby state that each item of information contained in this Information
Disclosure Statement was cited in a communication from a foreign
patent office in a counterpart foreign application not more than three
months prior to the filing of this Information Disclosure Statement.
37 C.F.R. § 1.97(e)(1).

☐ b.   I hereby state that no item of information in this Information Disclosure
Statement was cited in a communication from a foreign patent office
in a counterpart foreign application and, to my knowledge after
making reasonable inquiry, was known to any individual designated
in 37 C.F.R. § 1.56(c) more than three months prior to the filing of
this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

☒ 4.   The documents were cited in search reports by a foreign patent office in counterpart
foreign applications. Submission of an English language version of the
search reports that indicates the degree of relevance found by the foreign
office   is provided in satisfaction of the requirement for a concise
explanation of relevance. 1138 OG 37, 38.

☐ 5.   A concise explanation of the relevance of the non-English language document(s)
appears below:

☐ 6.   Copies of the documents were cited by or submitted to the Office in an IDS that
complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _____, filed
_____, which is relied upon for an earlier filing date under 35 U.S.C.
§ 120. Thus, copies of these documents are not attached. 37 C.F.R.
§ 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed

PTO-1449, and indicate in the official file wrapper of this patent application that the

documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee

deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Crystal D. Sayles

Crystal D. Sayles
Attorney for Applicants
Registration No. 44,318

Date: *July 11, 2002*

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SKGF Rev. 1/24/02 mac

			FORM PTO-1449		ATTY. DOCKET NO. 1875.0670001			APPLICATION NO. 09/973,872		

INFORMATION DISCLOSURE STATEMENT

APPLICANT Bunn et al.
FILING DATE October 11, 2001	GROUP 2631

OIPE JUL 1 1 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	5,293,379	03/1994	Carr	370	94.1	
	AB1	5,831,558	11/1998	Harvell	341	106	
	AC1	6,032,197	02/2000	Birdwell et al.	709	247	
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	EP 0 806 852 A2	11/1997	EP	H04L	5/14	Yes No
	AM1	EP 0 933 876 A1	08/1999	EP	H03M	7/30	Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	"Radio Frequency Interface Specification SP-RFIv1.1-I05-000714," Data-Over-Cable Service Interface Specifications, July 14, 2000, retrieved from the Internet on March 20, 2002:<URL:http://www.docsis.org/docs/SP-RFIv1.1-I05-000714.pdf>, pp. i-xviii, 1-6, 15-21, 93-100, 143-178.
	AS	1	"Transparent Automoding Procedure between a Local (Client) Modem and a Remote (Server) Modem," Research Disclosure, Kenneth Mason Publications, August 1999, pp. 1138-39.
	AT	1	Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31554, 7 Pages.

EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

::ODMA\MHODMA\SKGF_DC1;30559;1

SKGF Rev. 1/95

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1875.0670001	APPLICATION NO. 09/973,872
	APPLICANT Bunn et al.	
	FILING DATE October 11, 2001	GROUP 2631

OIPE
JUL 1 1 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
	AB2						
	AC2						
	AD2						
	AE2						
	AF2						
	AG2						
	AH2						
	AI2						
	AJ2						
	AK2						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Perkins, S.J. and Mutka, M.W., "Dependency Removal for Transport Protocol Header Compression over Noisy Channels," *IEEE*, 1997, pp. 1025-1029.
	AS	2	Jacobson, V., "Compressing TCP/IP Headers," RFC 1144, *Network Working Group*, February 1990, pp. 1-43.
	AT	2	Copy of International Search Report issued April 4, 2002 for Appln. No. PCT/US01/31556, 7 pages.

EXAMINER	DATE CONSIDERED

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				ATTY. DOCKET NO. 1875.0670001		APPLICATION NO. 09/973,872	
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				APPLICANT Bunn et al.			
				FILING DATE October 11, 2001		GROUP 2631	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA3						
	AB3						
	AC3						
	AD3						
	AE3						
	AF3						
	AG3						
	AH3						
	AI3						
	AJ3						
	AK3						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	3	Salomon, D., *Data Compression: The Complete Reference*, Springer, US, New York, NY, 1998, pp. 101-162 and 357-360.
	AS	3	Copy of International Search Report issued April 4, 2002 for Appln. No. PCT/US01/31553, 7 pages.
	AT	3	Casner, S. et al., "Compressing IP/UDP/RTP Headers for Low-Speed Serial Links," Network Working Group, February 1999, pp. 1-23.

EXAMINER		DATE CONSIDERED	

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			FILING DATE October 11, 2001			GROUP 2631	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4						
	AB4						
	AC4						
	AD4						
	AE4						
	AF4						
	AG4						
	AH4						
	AI4						
	AJ4						
	AK4						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31559, 6 pages.
	AS	4	Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31567, 6 pages.
	AT	4	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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